

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please cancel claim 1 without prejudice or disclaimer.

1. (Canceled).
2. (Currently Amended) ~~The map data production system according to claim 1,~~
A map data production system comprising:
a data storing means for storing road map data;
a map data display means for displaying on a display a map retrieved from the
road map data stored in the data storing means;
a map section specifying means for specifying a section of a road on the map
displayed on the display;
an elevation data entry means for obtaining elevation data of the section specified
with the map section specifying means via an external input device; and
a grade data adding means for adding grade data of the section of the road by
calculating a grade of the section from the elevation data and a distance of the section derived
from the map data and storing the grade as the grade data in the data storing means,
wherein the elevation data entry means includes entry options for selectively
enabling a predetermined value entry and an arbitrary value entry via the external input device.
3. (Currently Amended) ~~The map data production system according to claim 1~~ claim
2, further comprising a grade data entry means for obtaining grade data of the ~~specifies~~ specified
section of the road via the external input device, wherein the grade data adding means stores the
grade data into the data storing means after the grade data entry means has obtained the grade
data.

4. (Original) The map data production system according to claim 3, further comprising a grade data display means for displaying the grade data of the specified section of the road on the display when the grade data is stored in the data storing means.